

United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 . Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO |). F | ILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-------------------------|--------------|-------------|----------------------|---------------------|------------------|
| 09/887,982 | | 06/22/2001 | Babak Rezvani | CT-006 | 8195 |
| 1473 | 7590 | 09/14/2004 | | EXAM | IINER |
| FISH & N | JEAVE | | NGUYEN, THU HA T | | |
| 1251 AVE | NUE OF T | HE AMERICAS | | | |
| 50TH FLC | OR | | | ART UNIT | PAPER NUMBER |
| NEW YORK, NY 10020-1105 | | | | 2155 | |

DATE MAILED: 09/14/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| | Application No. | Applicant(s) | | | | | |
|---|---|--|--|--|--|--|--|
| | 09/887,982 | REZVANI ET AL. | | | | | |
| Office Action Summary | Examiner | Art Unit | | | | | |
| | Thu Ha T. Nguyen | 2155 | | | | | |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply | | | | | | | |
| A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1. after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a rep - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statut Any reply received by the Office later than three months after the mailir earned patent term adjustment. See 37 CFR 1.704(b). | 136(a). In no event, however, may a reply within the statutory minimum of thirty will apply and will expire SIX (6) MONTE, cause the application to become ABA | eply be timely filed (30) days will be considered timely. THS from the mailing date of this communication. ANDONED (35 U.S.C. § 133). | | | | | |
| Status | | | | | | | |
| 1) Responsive to communication(s) filed on 22 J | lune 2001. | | | | | | |
| · = · · · · · | s action is non-final. | | | | | | |
| | Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. | | | | | | |
| Disposition of Claims | | | | | | | |
| 4) ☐ Claim(s) 1-60 is/are pending in the application 4a) Of the above claim(s) is/are withdra 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) 1-60 is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or | wn from consideration. | | | | | | |
| Application Papers | | | | | | | |
| 9) The specification is objected to by the Examiner. | | | | | | | |
| 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. | | | | | | | |
| Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). | | | | | | | |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. | | | | | | | |
| Priority under 35 U.S.C. § 119 | | | | | | | |
| 12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority documen 2. Certified copies of the priority documen 3. Copies of the certified copies of the priority application from the International Burea * See the attached detailed Office action for a list | ts have been received. ts have been received in Apority documents have been in tu (PCT Rule 17.2(a)). | oplication No received in this National Stage | | | | | |
| Attachment(s) | | | | | | | |
| Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>5-8,12-13</u>. | Paper No(s) | ummary (PTO-413))/Mail Date formal Patent Application (PTO-152) | | | | | |

Application/Control Number: 09/887,982

Art Unit: 2155

DETAILED ACTION

1. Claims **1-60** are presented for examination.

Claim Rejections - 35 USC § 102

- 2. The following is a quotation of the appropriate paragraphs of 35 U.S.C.
- § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

- 3. Claims 1-60 are rejected under 35 U.S.C. § 102(e) as being anticipated by **Humpleman et al.** (hereinafter Humpleman) U.S. Patent No. **6,288,716**.
- 4. As to claim 1, Humpleman teaches the invention as claimed, including a method for controlling a device using a virtual representation of the device comprising:

registering information regarding a virtual representation of the device at a remote site (figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12, lines 22);

generating the virtual representation of device on a remote user access device using the registered information (figures 1, 6-8, 10-11, col. 7, lines 4-67);

Application/Control Number: 09/887,982

Art Unit: 2155

transmitting a command to the device from the remote user access device; and executing the command (col. 7, lines 4-67, col. 14, lines 42-62, col. 15, lines 49-col. 16, lines 19).

- 5. As to claim 2, Humpleman teaches the invention as claimed, further comprising receiving an indication of a desire access the device (figures 1, 8, 10-11, col. 7, lines 4-47, col. 15, lines 49-col. 16, lines 19).
- 6. As to claim 3, Humpleman teaches the invention as claimed, further comprising receiving a request to command the device to perform a function (col. 7, lines 4-67, col. 14, lines 42-62).
- 7. As to claim 4, Humpleman teaches the invention as claimed, wherein registering information regarding the virtual representation of the device comprises transmitting the information associated with the device from the device a remote database (figure 4, col. 11, lines 60-col.12, lines 22).
- 8. As to claim 5, Humpleman teaches the invention as claimed, wherein the information regarding the virtual representation of the device comprises information regarding a parameter an action, an indicator (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

Application/Control Number: 09/887,982 Page 4

Art Unit: 2155

- 9. As to claim 6, Humpleman teaches the invention as claimed, wherein the information regarding the virtual representation of the device comprises component, resource, template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 10. As to claim 7, Humpleman teaches the invention as claimed, wherein registering the information regarding the virtual representation of the device at a remote site is performed by the device (col. 7, lines 4-67, col. 14, lines 42-62).
- 11. As to claim 8, Humpleman teaches the invention as claimed, wherein generating the virtual representation further comprises generating a web wherein the web page comprises at least one indicator (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 12. As to claim 9, Humpleman teaches the invention as claimed, wherein generating the virtual representation comprises dynamically generating the web page based a set of criteria (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 13. As to claim 10, Humpleman teaches the invention as claimed, wherein the set criteria comprises display language, device type, or time of day (col. 8, lines 55-67, col. 9, lines 30-45).

Application/Control Number: 09/887,982

Art Unit: 2155

- 14. As to claim 11, Humpleman teaches the invention as claimed, wherein generating the virtual representation the device comprises: generating a display component and displaying the display component using template document (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 15. As to claim 12, Humpleman teaches the invention as claimed, wherein generating a display component inserting information regarding component into the template document; generating the display component using information inserted into the template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 16. As to claim 13, Humpleman teaches the invention as claimed, wherein generating a virtual representation of the device comprises: generating a display resource and displaying the display resource using a template document (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).
- 17. As to claim 14, Humpleman teaches the invention as claimed, further comprising: selecting a template from a plurality of templates associated with the device and selecting a component associated with the selected template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

Application/Control Number: 09/887,982 Page 6

Art Unit: 2155

- 18. As to claim 15, Humpleman teaches the invention as claimed, wherein selecting template comprises selecting the template from the plurality of templates based on display language, device type, or time of day (col. 8, lines 55-67, col. 9, lines 30-45).
- 19. As to claim 16 Humpleman teaches the invention as claimed, wherein transmitting the command to further comprises transmitting the command from a remote user access device to a remote database (figures 1, 8, 10-11, col. 7, lines 4-47, col. 12, lines 13-34, col. 15, lines 49-col. 16, lines 19).
- 20. As to claim 17, Humpleman teaches the invention as claimed, wherein transmitting the command to the device further comprises transmitting the command from remote database device (figures 1, 8, 10-11, col. 7, lines 4-47, col. 12, lines 13-34, col. 15, lines 49-col. 16, lines 19).
- 21. As to claim 18, Humpleman teaches the invention as claimed, further comprising: generating data indicating that the command has been executed and generating an indicator on the web page using the data to reflect the state of the device (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 11, lines 21, col. 12, lines 13-22).

Application/Control Number: 09/887,982

Art Unit: 2155

- 22. As to claim 19, Humpleman teaches the invention as claimed, further comprising generating data indicating that the executed and updating a component using the generated data to reflect the state of the device (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 11, lines 21, col. 12, lines 13-22).
- 23. As to claim 20, Humpleman teaches the invention as claimed, wherein executing the command is performed by the device (col. 7, lines 4-67, col. 14, lines 42-62).
- 24. As to claim 21, Humpleman teaches the invention as claimed, including a system for controlling a device using a virtual representation of device comprising:

means for registering information regarding a virtual representation of the device at remote site (figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12, lines 22);

means for generating the virtual representation of the device a remote user access device using the registered information (f figures 1, 6-8, 10-11, col. 7, lines 4-67);

means for transmitting a command the device from the remote user access device; and means for executing the command (col. 7, lines 4-67, col. 14, lines 42-62, col. 15, lines 49-col. 16, lines 19).

Application/Control Number: 09/887,982

Art Unit: 2155

25. As to claim 41, Shields teaches the invention as claimed, including a virtual representation of a device comprising: a processor programmed to:

register information regarding a virtual representation of the device at remote site (figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12, lines 22);

generate the virtual representation of the device on a remote user access device using the registered information (figures 1, 6-8, 10-11, col. 7, lines 4-67);

transmit a command to the device from the remote user access device; execute the command (col. 7, lines 4-67, col. 14, lines 42-62, col. 15, lines 49-col. 16, lines 19).

26. As to claim 22-40 and 42-60, they are system claims directed to controlling a device using a virtual representation of the device of method claims 2-20. Claims 22-40 and 42-60 have similar limitations to claims 2-20; therefore, they are rejected under the same rationale.

Conclusion

- 27. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
- 28. Shields et al. (USPN 6,680,730), Humpleman et al. (USPN 6,182,094), Sandelman et al. (USPN 6,147,601), Collin et al. (USPN 6,330,597) are recited for disclosing various information related to the claimed invention. Applicants are requested to consider these prior art references when responding to this office action.

Application/Control Number: 09/887,982

Art Unit: 2155

29. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (703) 305-7447. The examiner can normally be reached Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam, can be reached at (703) 308-6662.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications.

Thu Ha Nguyen

September 9, 2004

HOSAIN ALAM SUPERVISION ON TENT EXAMINED Page 9